

TOUR DESCRIPTIONS

Water Treatment Plant

See how our water is made "fit" to drink and use. The City of Columbia operates two water treatment plants that produce about 61 million gallons of water per day. About 375,000 people in Richland and Lexington counties receive the water through more than 2,100 miles of underground pipeline. The treatment processes at the water plants consist of several steps including filtration for removal of particulate matter from the water.

Materials Recovery Facility (MRF)

A MRF (pronounced 'murf') is a facility that sorts and processes material for recycling. See where your recyclables go after you place them in your curbside recycling bin or in a container at a recycling center.

USC's Green Dorm

Clean, green and financially lean. That's the University of South Carolina's West Quadrangle Living Learning Community – also known as the West Quad or the Green Dorm. This 172,000 square-foot facility opened in fall 2004 and features a number of innovations including: massive solar panels that collect the sun's energy and use it to heat the water supply; carpet from recycled materials; a multi-tiered courtyard that filters and recycles rainwater; and more. A representative from the S.C. Energy Office also will be at the Green Dorm to discuss alternative fuel vehicles and their increasing popularity due to rising fuel prices.

Air Issues at Local TV Studio

Lights, camera, action. Visit a Columbia television station and speak with a meteorologist to see how air pollution affects weather. Learn how levels of ozone concentration are determined and get your local "Ozone Forecast."

MEET DR. T!

Dr. T, also known as Jack Golden, is one of the nation's top environmental entertainers/educators. Since 1989, Golden has created, produced and performed shows on a variety of environmental topics. At the "Take Action Today" workshop, Dr. T will perform "Garbage Is My Bag." The award-winning presentation has received rave reviews from teachers across the country.

"'Garbage Is My Bag' is an excellent program, both educational and fun. Dr. T is a wonderful spokesman for environmental awareness."

– Mary Ann Engle,
Museum of Science, Boston MA

Among his many awards, Golden won the U.S. Environmental Protection Agency's Administrators Award for Solid Waste Education. He also has been featured in "Weekly Reader."



Office of Solid Waste
Reduction & Recycling
1-800-768-7348
www.scdhec.gov/recycle

ENVIRONMENTAL Education Workshop

June 21, 2006
Seawall's Restaurant
& Conference Center
Columbia, SC

Special
Guest
DR. T!

T A K E action today

Are you ready to 'TAKE ACTION TODAY?'

"Take Action Today" is a one-day, comprehensive environmental education workshop customized for South Carolina teachers. The workshop will focus on classroom lessons updated with the latest information on current environmental issues as well as provide supplemental materials and tours.

"Take Action Today" will increase your understanding of environmental issues in your community as well as enhance your classroom presentations.

"Take Action Today" is set for June 21, 2006 at Seawell's in Columbia.

There is no charge to attend, but SPACE IS LIMITED TO 200 TEACHERS. The REGISTRATION DEADLINE is **May 31, 2006**. "Take Action Today" is replacing the annual "Energy 2 Learn" workshop.

- Registration will begin at 8 a.m.
- Morning sessions will focus on air, recycling and water lessons from "Action for a cleaner tomorrow: A South Carolina Environmental Curriculum Supplement" ("Action").
- FREE teaching materials will be distributed to attendees including:
 - ▲ the award-winning "Action" CD-ROM;
 - ▲ a recycling bin;
 - ▲ posters;
- ▲ water gauges; and
- ▲ much more!
- Lunch will be provided.
- Dr. T will be a guest presenter.
- Afternoon sessions will feature tours of the following facilities:
 - ▲ **Tour A:** Water Treatment Plant and Materials Recovery Facility; and
 - ▲ **Tour B:** USC's Green Dorm and Air issues at local TV studio.

After **"Take Action Today,"** the first three schools that hold an "Action for a cleaner tomorrow" workshop (minimum 20 teachers) will receive their choice of a wagon made from recycled milk jugs, 10 cases of recycled content office paper or 2,500 recycled content pencils.

A confirmation letter will be mailed in early June to your home address.

REGISTRATION FORM

PLEASE PRINT CLEARLY

Name: _____

Grades/Subjects Taught: _____

School: _____

School District: _____

School Address: _____

City: _____

State: _____ Zip: _____

Home Address: _____

City: _____

State: _____ Zip: _____

Home Telephone: () _____

E-mail Address: _____

Contact in Case of Emergency: _____

Contact Telephone: () _____

Tour Choices: Choose ONLY one.

☐ **Tour A:** Water Treatment Plant and Materials Recovery Facility

☐ **Tour B:** USC's Green Dorm and Air issues at local TV studio

Fax this form to **(803) 366-2607**. For more information, call **1-800-326-2630**.